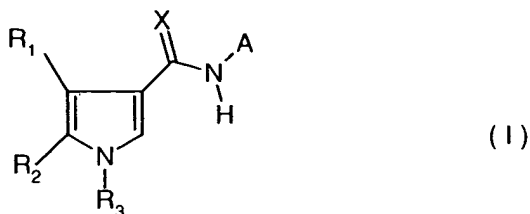


Pyrrolecarboxamides and pyrrolethioamides as fungicides

Abstract of the disclosure

Novel pyrrole derivatives of formula I



wherein

X is oxygen or sulfur;

R<sub>1</sub> is C<sub>1</sub>-C<sub>4</sub>alkyl unsubstituted or substituted, with the exception of CF<sub>3</sub> ; C<sub>3</sub>-C<sub>6</sub>cycloalkyl unsubstituted or substituted; or halogen;

R<sub>2</sub> is hydrogen, C<sub>1</sub>-C<sub>4</sub>alkyl unsubstituted or substituted, C<sub>1</sub>-C<sub>4</sub>alkoxy unsubstituted or substituted, cyano or halogen;

R<sub>3</sub> is C<sub>1</sub>-C<sub>4</sub>alkyl unsubstituted or substituted; and

A is orthosubstituted aryl; orthosubstituted heteroaryl; bicycloaryl unsubstituted or substituted; or bicycloheteroaryl unsubstituted or substituted.

The novel compounds have plant-protective properties and are suitable for protecting plants against infestations by phytopathogenic microorganisms.